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From the INTERNATIONAL SEARC	CHING AUTHORITY		1				
To: RONALD I. EISENSTEIN NIXON PEABODY LLP 100 SUMMER STREET BOSTON, MA 02110				PCT			
			WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY				
		·		(PCT Rule 43bis.1)			
			Date of mailing (day/month/year)	23 DFC 2009			
Applicant's or agent's file reference			FOR FURTHER	ACTION See paragraph 2 below			
701586-54551-PCT International application No. International		ational filing date	(day/month/year)	Priority date (day/month/year)			
PCT/US04/33178 08 October 2 International Patent Classification (IPC) or both national		ober 2004 (08.10		09 October 2003 (09.10.2003)			
IPC(7): A61K 39/00; A011							
Applicant			200., 22.11				
TRUSTEES OF BOSTON	UNIVERSITY	···					
1. This opinion contains	indications relating to t	he following iten	ns:				
Box No. I Basis of the opinion							
Box No. II Priority							
Box No. III	·	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
	Box No. IV Lack of unity of invention Per No. IV Research statement and as Puls 42 kin I/O/(i) with record to payably inventive step or industrial						
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
Box No. VI	Box No. VI Certain documents cited						
Box No. VII	Certain defects in the international application Certain observations on the international application						
Box No. VIII	•	on the internation	nai application				
International Prelimin	national preliminary exary Examining Authoris one to be the IPEA	ority ("IPEA") example and the chosen	xcept that this does IPEA has notified the	be considered to be a written opinion of the not apply where the applicant chooses an ne International Bureau under Rule 66.1bis(b) ered.			
IPEA a written reply to	ogether, where appropa or before the expiration	riate, with amend	lments, before the ex	PEA, the applicant is invited to submit to the piration of 3 months from the date of mailing whichever expires later.			
3. For further details, see	notes to Form PCT/IS/	A/220.					
Name and mailing address Mail Stop PCT, Attr Commissioner for P.	n: ISA/US	1	etion of this opinion 2005 (09.11.2005)	Authorized officer Jo Ann Rinaudo			
P.O. Box 1450 Alexandria, Virginia 22313-1450				Telephone No. 571 272 1600			

Facsimile No. (571) 273-3201
Form PCT/ISA/237 (cover sheet) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International and Vication No.

PCT/US04/33178-

Box No. I Basis of this opinion								
	·							
1. With regard to the language, this opinion has been established on the basis of:								
\boxtimes								
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).							
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:								
a.	type of material							
	a sequence listing							
	table(s) related to the sequence listing							
b.	format of material							
	on paper							
	in electronic form							
c.	time of filing/furnishing							
•	contained in the international application as filed.							
	filed together with the international application in electronic form.							
	furnished subsequently to this Authority for the purposes of search.							
3. 🔲	In addition, in the case that more than one version or copy of a sequence listing and/or table	e(s) relating thereto has been filed						
	or furnished, the required statements that the information in the subsequent or additional application as filed or does not go beyond the application as filed, as appropriate, were furn	copies is identical to that in the						
4 4 1 174								
4. Additi	onal comments:	,						
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International	
PCT/US04/33178	

Box No. IV Lack of unity of invention								
In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has, within the applicable time limit: paid additional fees paid additional fees under protest and, where applicable, the protest fee paid additional fees under protest but the applicable protest fee was not paid not paid additional fees								
2. This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to	,							
pay additional fees. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is								
complied with								
not complied with for the following reasons:								
See the lack of unity section of the International Search Report(Form PCT/ISA/210)								
4. Consequently, this opinion has been established in respect of the following parts of the international application: all parts.								
the parts relating to claims Nos. 13-16								

Form PCT/ISA/237 (Box No. IV) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

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Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement 1. Statement Claims 1-12 and 17-20 Novelty (N) Claims 13-16 YES Inventive step (IS) Claims 1-12 and 17-20 Claims 13-16 Claims 1-12 and 17-20 Industrial applicability (IA) Claims 13-16 2. Citations and explanations: The A references, state of the art describes adiponectin is an inhibitor of angiogenesis in vitro and in transgenic mice (see Diez et al., Matsuda et al., and Kubota et al.). Claims 13-17 lack unity because it is obvious to put the product in a kit for either stimulation or inhibition of angiogenesis. The intended use of the product does not matter. The T references, identify adiponectin as a stimulator of angiogenesis in response to tissue ischemia (see Ouchi et al. and Shibata et al.). The method of stimulating angiogenesis using adiponectin is novel.